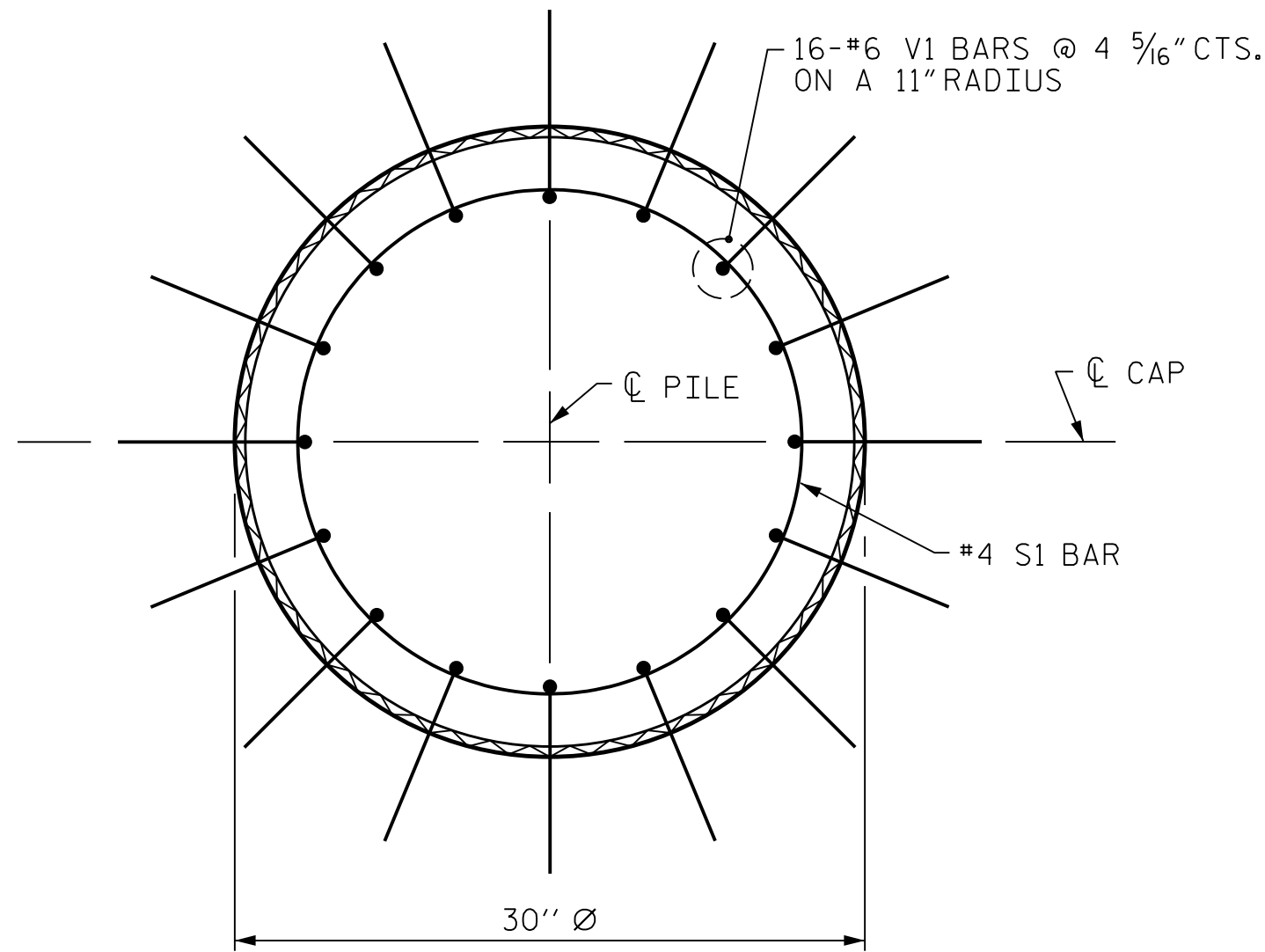
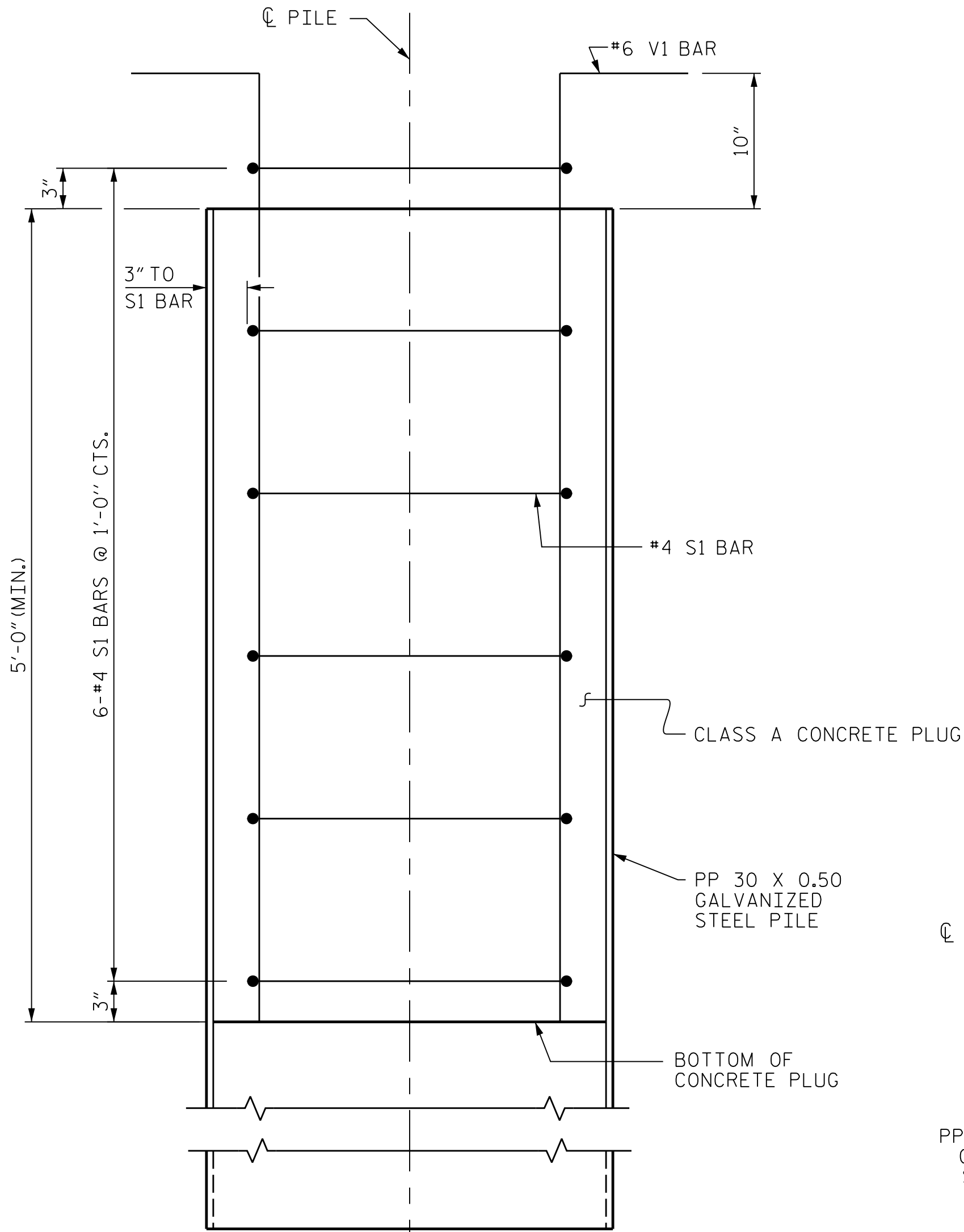


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2/3/2015 7:10:20 PM CKE\_R2514B\_PDF\_full.plt cfg R2514B\_str.tbl



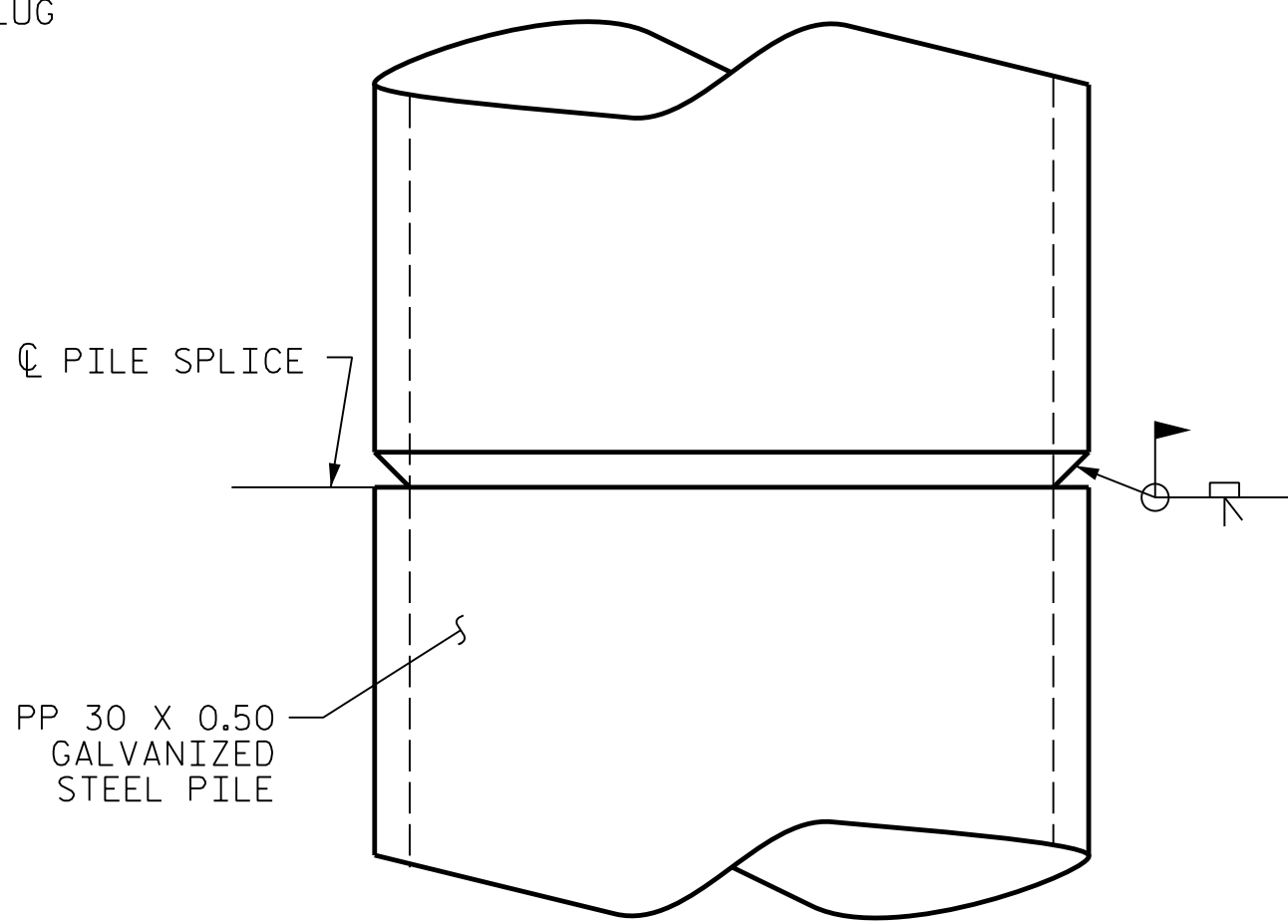
PLAN



ELEVATION

PP 30 X 0.50 GALVANIZED STEEL PILE

( OPEN END )



PIPE PILE SPLICE DETAIL

NOTES

PIPE PILES SHALL BE IN ACCORDANCE WITH SECTION 1084 OF THE STANDARD SPECIFICATIONS.

GALVANIZE STEEL PIPE PILES IN ACCORDANCE WITH SECTION 1076 OF THE STANDARD SPECIFICATIONS UNLESS METALLIZING IS REQUIRED. GALVANIZING OR METALLIZING PIPE PILE PLATES IS NOT REQUIRED.

PIPE PILE PLATES, IF REQUIRED, SHALL BE IN ACCORDANCE WITH SECTION 450 OF THE STANDARD SPECIFICATIONS.

REMOVE AND REPLACE OR REPAIR TO THE SATISFACTION OF THE ENGINEER PILES THAT ARE DAMAGED, DEFORMED OR COLLAPSED DURING INSTALLATION OR DRIVING.

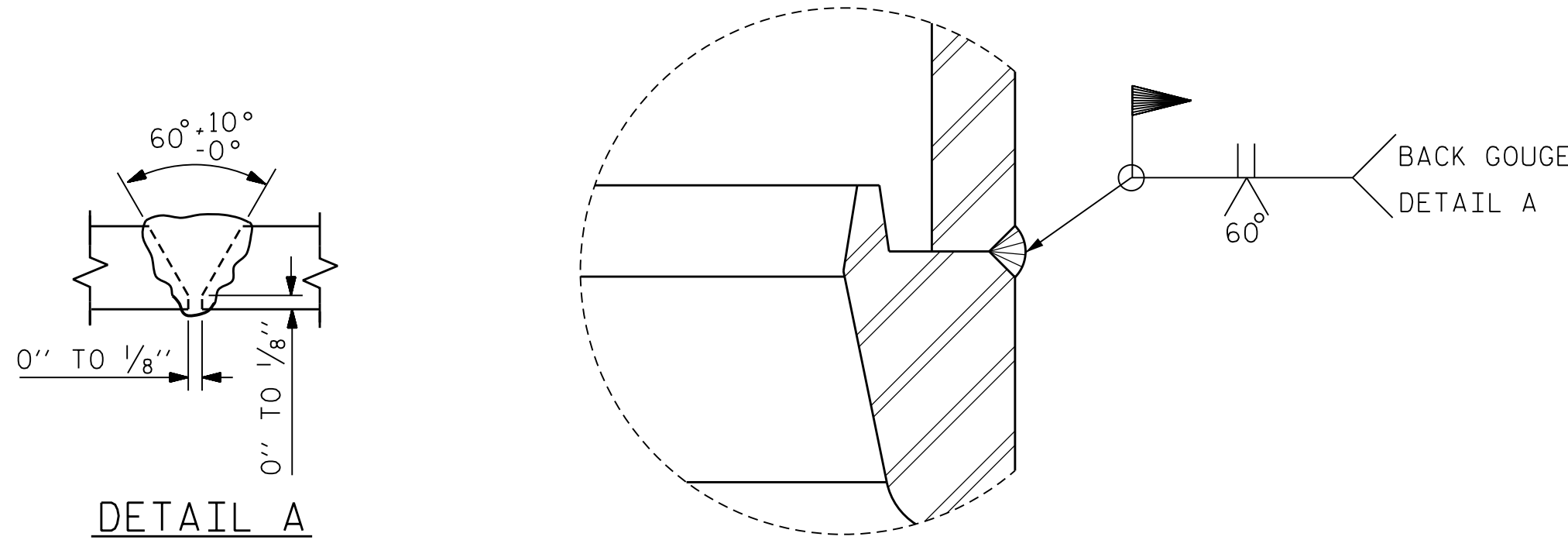
PILE SPLICES SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS AND AWS D1.1.

FOR OPEN END PIPE PILES, REMOVE ENOUGH SOIL AND WATER FROM INSIDE THE PILES TO CONSTRUCT THE CONCRETE PLUG WITHOUT FOULING THE CONCRETE.

FORM THE CONCRETE PLUG SUCH THAT THE REINFORCING STEEL OR CONCRETE DOES NOT MOVE AND THE CLEARANCE FROM THE REINFORCING STEEL TO THE INSIDE OF THE PILE IS MAINTAINED AFTER CONCRETE PLACEMENT. DO NOT PLACE CONCRETE IN THE BENT CAP UNTIL THE CONCRETE PLUG HAS ATTAINED A MINIMUM COMPRESSIVE STRENGTH OF 1500 PSI.

THE REINFORCING STEEL, CLASS A CONCRETE, AND GALVANIZING ARE CONSIDERED INCIDENTAL TO THE CONTRACT UNIT PRICE BID PER LINEAR FOOT FOR PP 30 X 0.50 GALVANIZED STEEL PILES.

FOR STEEL PIPE PILE CUTTING SHOE, SEE FOUNDATION NOTES.



INSIDE FIT CUTTING SHOE  
TO PIPE PILE WELD DETAIL

BILL OF MATERIAL FOR ONE PP 30 X 0.50 GALVANIZED STEEL PILE					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
S1	6	#4	1	7'-7"	30
V1	16	#6	2	6'-10"	164
REINFORCING STEEL =				194	lbs
CLASS A CONCRETE					
5'-0" MINIMUM PLUG				0.8 CY	
BAR TYPES					
<p>1'-3" LAP</p> <p>2'-0"</p> <p>1'-0"</p> <p>5'-10"</p> <p>1</p> <p>2</p>					
ALL BAR DIMENSIONS ARE OUT TO OUT.					

PROJECT NO. R-2514B

ONslow/JONES COUNTY

STATION: 173+54.46 -L-



DocuSigned by  
Paul R. Holshouser  
1C5F94B4FEC44D... 2/3/2015



The LOUIS BERGER GROUP, Inc.,  
1001 Wade Avenue, Suite 400  
Raleigh, NC 27605-3322  
NC COA No. F-0840

STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH

STANDARD  
30" STEEL PIPE PILE  
(LEFT LANE)

REVISIONS

NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

SHEET NO.  
S4-68

TOTAL  
SHEETS  
75

STD. NO. SPP5

STR. #4